A2575-1 3/14/83

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 64 **For Week Ended** *FEBRUARY* 18, 1983 **NO. 7**

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 02/18/83	Last Week Ending: 02/11/83	Last Year Week Ending: 02/19/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	11,161	11,085	11,603	+ 76	- 442
Operable capacity	16,814	16,814	17,822	0	- 1,008
Percent operated	66.4	65.9	65.1		
Motor Gasoline					
Total motor gasoline production	5,971	5,858	5,804	+ 113	+ 167
Finished leaded motor gasoline production	2,740	2,627	*N/A*	+ 113	*N/A*
Finished unleaded motor gasoline production	3,231	3,231	*N/A*	0	*N/A*
Total motor gasoline stocks	250,953	249,783	254,597	+ 1,170	- 3,644
Finished leaded motor gasoline stocks	104,341	102,100	*N/A*	+ 2,241	*N/A*
Finished unleaded motor gasoline stocks	100,312	101,014	100,436	- 702	- 124
Distillate Fuel Oil					
Distillate fuel oil production	2,122	2,254	2,389	- 132	- 267
Distillate fuel oil stocks	151,729	154,487	148,271	- 2,758	+ 3,458
Residual Fuel Oil					
Residual fuel oil production	909	866	1,195	+ 43	- 286
Residual fuel oil stocks	54,240	59,492	66,985	- 5,252	- 12,745
Imports					
Crude oil imports	2,397	2,310	3,531	+ 87	- 1,134
Product imports	1,744	1,754	1,740	- 10	+ 4
Crude Oil Stocks					
Crude oil stocks	366,472	360,483	385,213	+ 5,989	- 18,741

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 457-7147.

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,062	893	932	1,569	59.4
Appal. No. 1	69	68	70	98	71.4
DISTRICT 1 TOTAL	1,131	961	1,002	1,667	60.1
Appal. No. 2	52	46	51	66	77.3
Ind., Ill., Ky.	1,863	1,635	1,727	2,399	72.0
Minn., Wis., Daks.	252	237	265	293	90.4
Okla., Kans., Mo.	718	635	639	858	74.5
DISTRICT 2 TOTAL	2,885	2,553	2,682	3,616	74.2
Inland Texas	501	451	483	592	81.6
Texas Gulf Coast	2,875	2,691	2,760	4,164	66.3
La. Gulf Coast	1,704	1,467	1,527	2,708	56.4
N. La. and Ark.	167	168	172	314	54.8
New Mexico	97	85	91	117	77.8
DISTRICT 3 TOTAL	5,344	4,862	5,033	7,895	63.7
DISTRICT 4 TOTAL	401	352	359	553	64.9
DISTRICT 5 TOTAL	2,211	2,061	2,085	3,083	67.6
TOTAL U.S.	11,972	10,789	11,161	16,814	66.4
TOTAL U.S. Weeks Ended:					
FEB. 11, 1983	11,765	10,757	11,085	16,814	65.9
FEB. 19, 1982	12,348	11,305	11,603	17,822	65.1
DISTRICTS 1–4 Weeks Ended:					
FEB. 18, 1983	9,761	8,728	9,076	13,731	66.1
FEB. 11, 1983	9,751	8,758	9,050	13,731	65.9
FEB. 19, 1982	10,182	9,262	9,501	14,698	64.6

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U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	547	204	343	9	19	190	119
Appal. No. 1	25	10	15	1	--	16	5
DISTRICT 1 TOTAL	572	214	358	10	19	206	124
Appal. No. 2	36	18	18	--	3	7	1
Ind., Ill., Ky.	1,098	495	603	16	100	291	98
Minn., Wis., Daks.	149	80	69	2	10	49	9
Okla., Kans., Mo.	382	239	143	11	24	155	11
DISTRICT 2 TOTAL	1,665	832	833	29	137	502	119
Inland Texas	260	116	144	26	29	97	23
Texas Gulf Coast	1,369	470	899	13	245	547	247
La. Gulf Coast	858	457	401	11	203	268	72
N. La. and Ark.	59	38	21	2	--	51	10
New Mexico	30	18	12	10	2	15	2
DISTRICT 3 TOTAL	2,576	1,099	1,477	62	479	978	354
DISTRICT 4 TOTAL	225	149	76	11	18	88	9
DISTRICT 5 TOTAL	933	446	487	65	228	348	303
TOTAL U.S.	5,971	2,740	3,231	177	881	2,122	909
TOTAL U.S. Weeks Ended:							
FEB. 11, 1983	5,858	2,627	3,231	186	848	2,254	866
FEB. 19, 1982	5,804	*N/A*	*N/A*	198	840	2,389	1,195
DISTRICTS 1-4 Weeks Ended:							
FEB. 18, 1983	5,038	2,294	2,744	112	653	1,774	606
FEB. 11, 1983	4,914	2,224	2,690	136	618	1,919	566
FEB. 19, 1982	4,977	*N/A*	*N/A*	138	621	2,065	743

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended *FEBRUARY* 18, 1983

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	6,361	3,395	2,966	--	53	635	9,956	2,040	--
Central Atlantic	33,925	14,075	15,080	4,770	322	3,926	32,984	20,351	13,871
Lower Atlantic	26,947	13,556	13,369	22	120	4,017	13,938	3,741	449
DISTRICT 1 TOTAL	67,233	31,026	31,415	4,792	495	8,578	56,878	26,132	14,320
DISTRICT 2 TOTAL	77,075	35,019	31,659	10,397	1,408	7,629	46,665	5,118	16,893
DISTRICT 3 TOTAL	66,090	22,836	24,377	18,877	2,394	10,403	31,805	14,337	49,567
DISTRICT 4 TOTAL	9,947	4,587	2,330	3,030	360	585	4,091	416	2,763
DISTRICT 5 TOTAL	30,608	10,873	10,531	9,204	1,367	5,847	12,290	8,237	27,142
TOTAL U.S.	250,953	104,341	100,312	46,300	6,024	33,042	151,729	54,240	110,685
TOTAL U.S. Weeks Ended:									
FEB. 11, 1983	249,783	102,100	101,014	46,669	5,931	32,564	154,487	59,492	110,789
FEB. 19, 1982	254,597	*N/A*	100,436	*N/A*	6,683	30,392	148,271	66,985	117,281
DISTRICTS 1-4 Weeks Ended:									
FEB. 18, 1983	220,345	93,468	89,781	37,096	4,657	27,195	139,439	46,003	83,543
FEB. 11, 1983	219,776	91,783	90,505	37,488	4,674	26,753	142,517	50,517	83,324
FEB. 19, 1982	224,228	*N/A*	88,643	*N/A*	5,234	23,594	135,415	55,169	91,325

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended *FEBRUARY* 18, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy *SEP* 82	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
FEB. 18, 1983	5,823.5	5,883.0	2,350	187	282,356
FEB. 11, 1983	5,823.5	--	2,068	236	278,642●
FEB. 4, 1983	5,834.3	--	2,304	238	276,417
JAN. 28, 1983	5,834.3	--	3,126	182	276,198
DISTRICT 5 TOTAL					
FEB. 18, 1983	2,840.0	2,823.0	47	9	84,116 *
FEB. 11, 1983	2,840.0	--	242	29	81,841
FEB. 4, 1983	2,846.2	--	249	35	80,486
JAN. 28, 1983	2,846.2	--	101	--	85,095
TOTAL U.S.					
FEB. 18, 1983	8,663.5	8,706.0	2,397	196	366,472 *
FEB. 11, 1983	8,663.5	--	2,310	265	360,483●
FEB. 4, 1983	8,680.5	--	2,553	273	356,903
JAN. 28, 1983	8,680.5	--	3,227	182	361,293
FEB. 19, 1982	8,726.6/A	--	3,531	246	385,213

**INCLUDES 28,858 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.*

/A DUE ACTUAL FOR FEBRUARY 1982.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
FEB. 18, 1983	19,647	79,135	167,503	16,071	282,356	84,116 *	366,472 *
FEB. 11, 1983	17,033	78,591●	168,490●	14,528	278,642●	81,841	360,483●
FEB. 19, 1982	23,868	81,905	166,419	15,423	287,615	97,598	385,213

[1]See definitional notes, Page 6.

● *SEE REVISIONS ON PAGE* 7

API WEEKLY STATISTICAL BULLETIN
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IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	127	57	--	--	--	184
Central Atlantic	152	94	58	6	7	--	579	5	72	55	876
Lower Atlantic	--	--	--	--	--	--	95	--	--	--	95
DISTRICT 1 TOTAL											
FEB. 18, 1983	152	94	58	6	7	127	731	5	72	55	1,155
FEB. 11, 1983	179	127	52	--	--	113	633	7	70	153	1,155
FEB. 4, 1983	129	71	58	6	43	152	487	10	115	125	1,067
JAN. 28, 1983	141	83	58	3	9	86	695	20	14	140	1,108
DISTRICTS 2-4 TOTAL											
FEB. 18, 1983	--	--	--	--	--	5	60	262	122	49	498
FEB. 11, 1983	--	--	--	--	--	7	68	265	97	82	519
FEB. 4, 1983	3	--	3	--	--	--	91	280	71	45	490
JAN. 28, 1983	1	1	--	--	--	7	91	310	134	62	605
DISTRICT 5 TOTAL											
FEB. 18, 1983	42	34	8	--	--	7	17	14	--	11	91
FEB. 11, 1983	39	30	9	--	--	7	11	13	--	10	80
FEB. 4, 1983	34	21	13	--	--	6	17	17	--	10	84
JAN. 28, 1983	42	33	9	--	--	7	17	15	33	--	114
TOTAL U.S.	194	128	66	6	7	139	808	281	194	115	1,744
TOTAL U.S. Weeks Ended:											
FEB. 11, 1983	218	157	61	--	--	127	712	285	167	245	1,754
FEB. 4, 1983	166	92	74	6	43	158	595	307	186	180	1,641
JAN. 29, 1983	184	117	67	3	9	100	803	345	181	202	1,827
FEB. 19, 1982	136	*N/A*	68	--	30	84	895	307	230	48	1,740

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

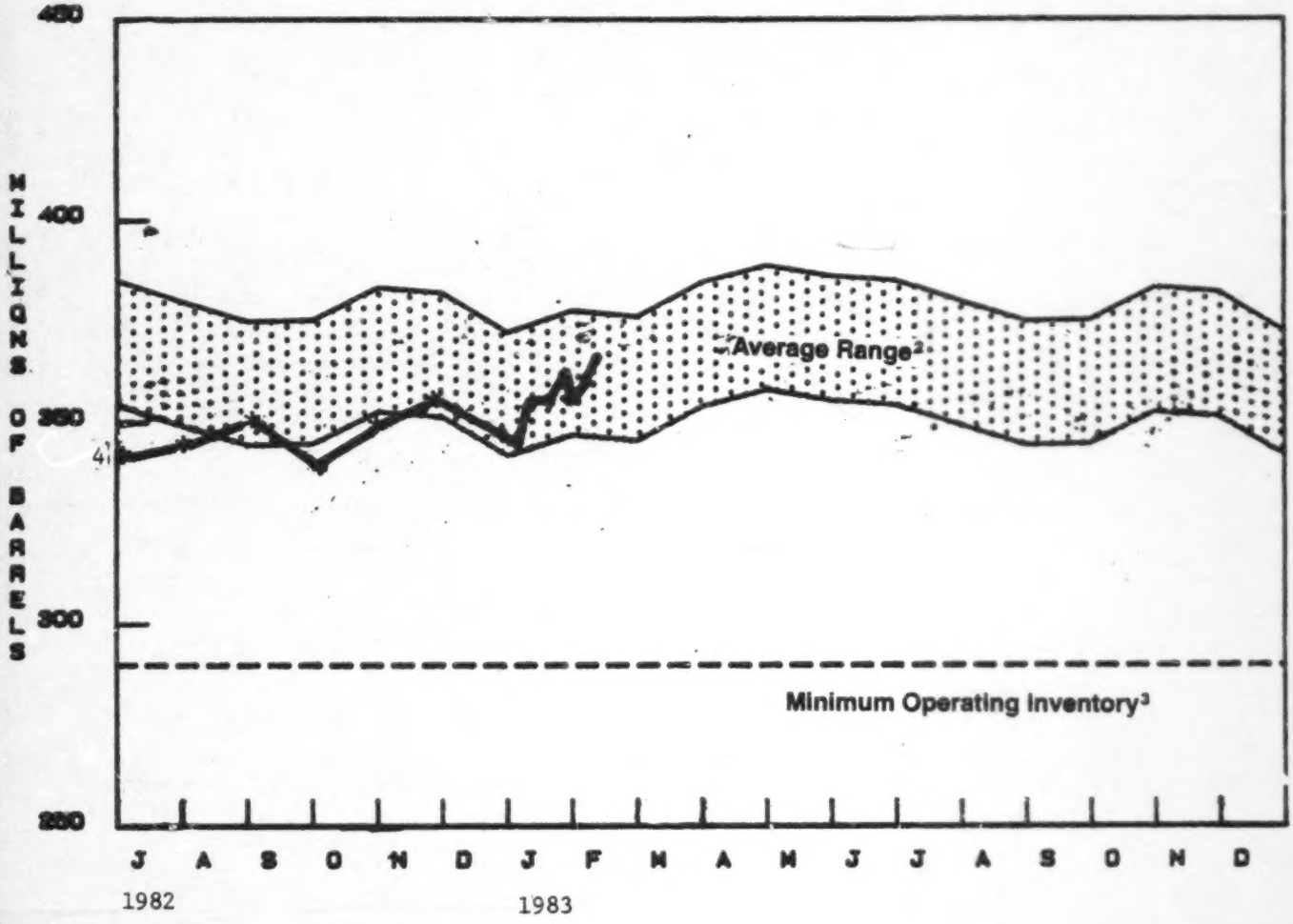
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

2/11/83	PAGE 4 TOP	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	278,642
			TOTAL U.S.	360,483
	PAGE 4 BOTTOM	TOTAL	PAD DISTRICT 2	78,591
		TOTAL	PAD DISTRICT 3	168,490
		TOTAL	TOTAL PAD DISTRICTS 1-4	278,642
		TOTAL	TOTAL U.S.	360,483

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

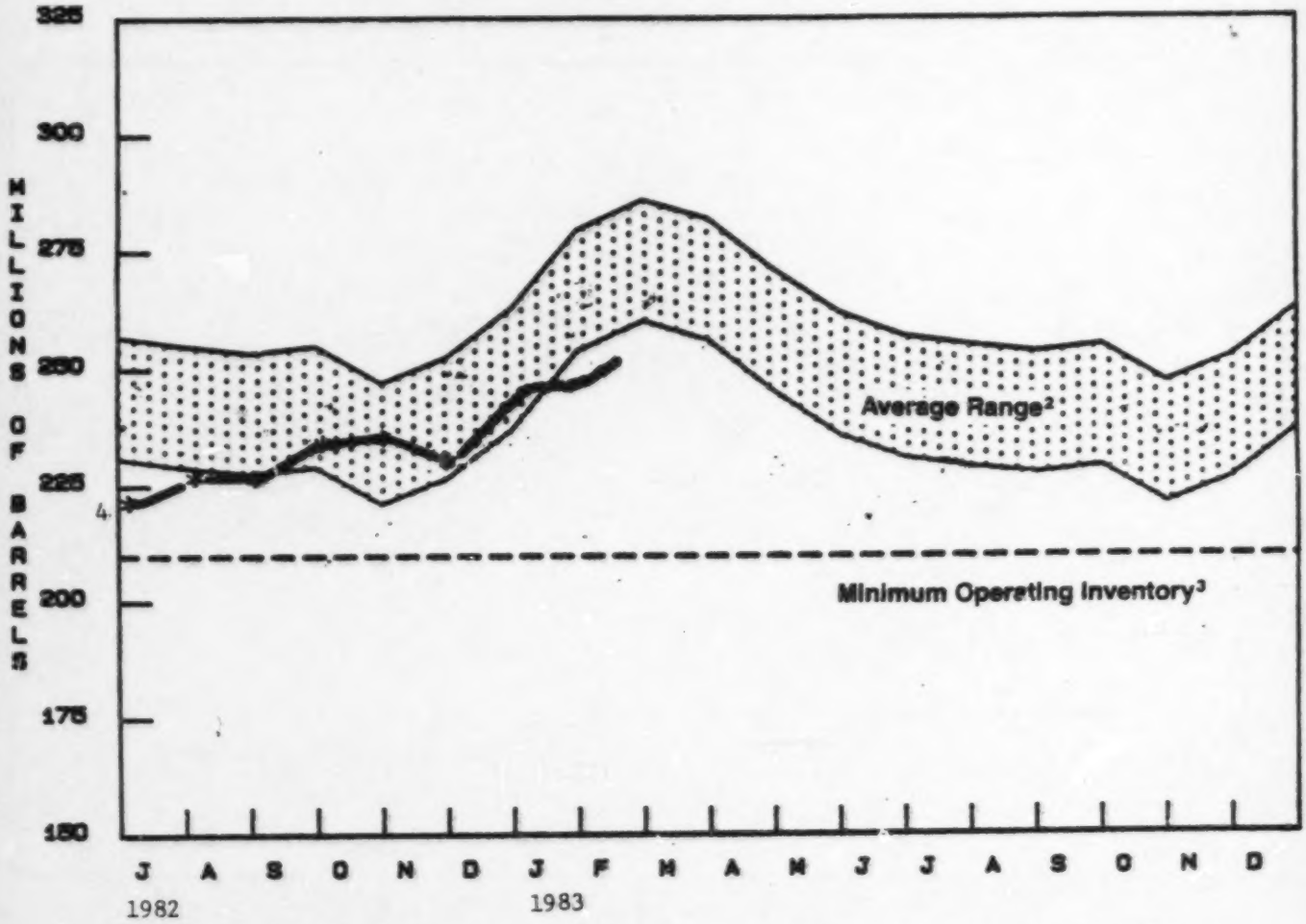
[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

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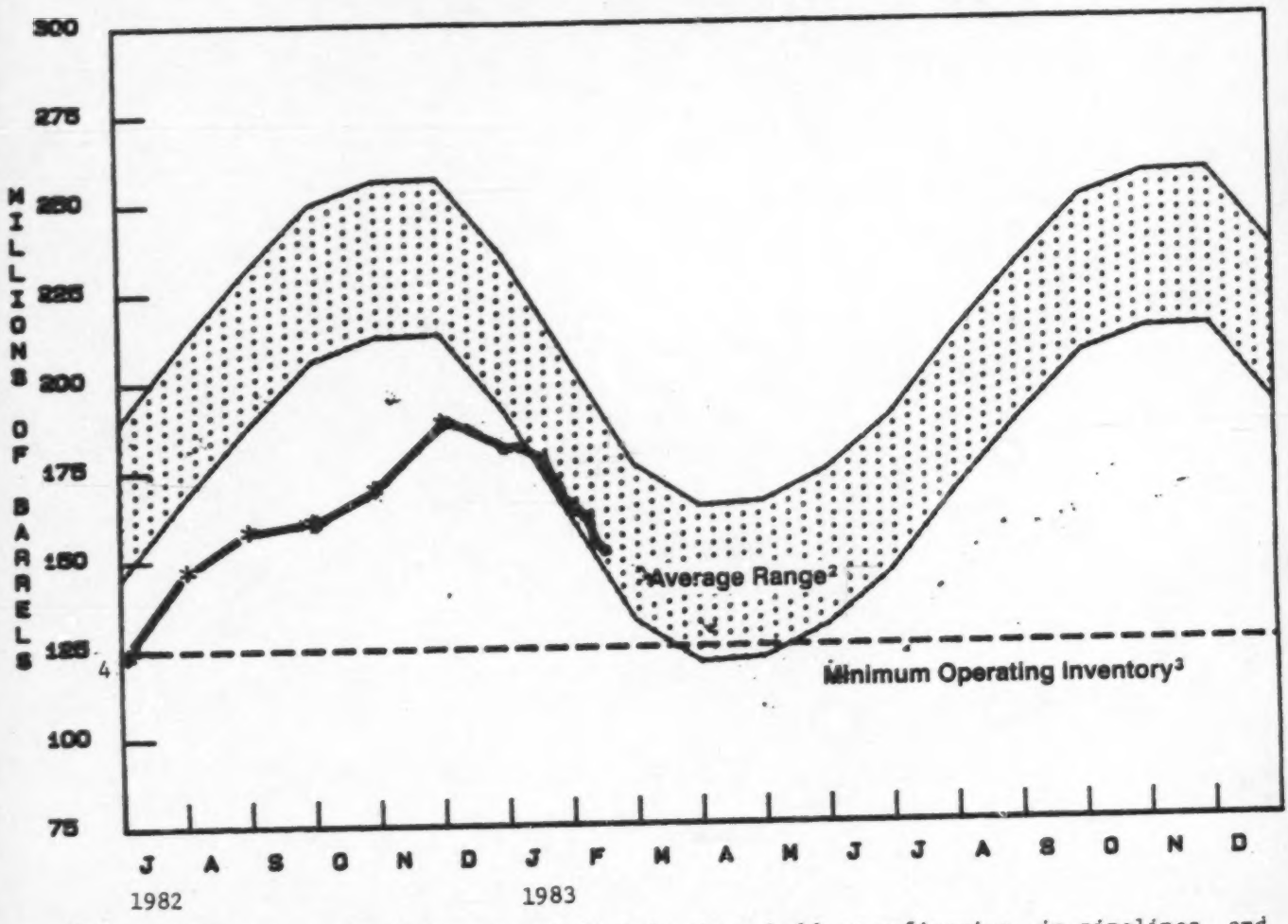
Distillate Fuel Oil Stocks at Primary Level[1] [5]



[4]

[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

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